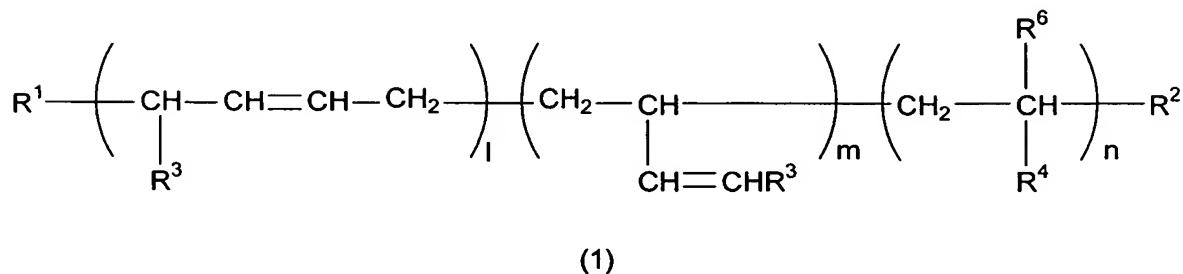


ABSTRACT

A modified diene- α -olefin copolymer which is represented by the formula (1) below and has $H_2C=C(R^5)-COO-$ in at least a 5 part of the ends.



wherein R^1 and R^2 independently represent a hydroxyl group or 10 $H_2C=C(R^5)-COO-$, R^3 's, R^5 's, and R^6 's are independently represent a hydrogen atom or an alkyl group having 1 to 10 carbon atoms, R^4 's independently represent a phenyl group, a pyridyl group, a chlorine atom, a cyclohexyl group, or a carboxyloxyalkyl group, and l , m , and n represent the number of repetition.